

ATTORNEY CONFIDENTIAL

Intel Corporation  
2111 Ne 25<sup>th</sup> Avenue, MS: JF3-147  
Hillsboro, Oregon 97124

Intel Legal Team

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JAN 10 2005

# Fax

Page 1 of 24

Urgent

Confidential

Date: 10-Jan-05

To:  
Examiner: H. Vartanian  
USPTO

Fax:  
(703) 872-9306

Art Unit:  
2634

From:  
Michael A. Proksch  
Intel Corporation

Fax:  
503-264-1729

M/S:  
JF3-147

Subject: Application No.: 09/621,119 Docket #: P15402

Filed: July 21, 2000

Inventor: David J. Gesbert

I hereby certify that the below listed correspondence is being facsimile transmitted to the USPTO to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on January 10, 2005.

Derek S. Watson

Date: January 10, 2005



Message:

Included in this transmission:

Fax Cover Sheet (1 page)

Transmittal (1 page)

Fee Transmittal (1 page submitted in duplicate)

Response to Non-Compliant Amendment (1 pages)

Corrected Amendment (19 pages)

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PTO/SB/21 (09-04)

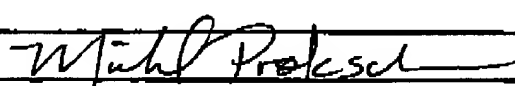
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/621,119	
	Filing Date	July 21, 2000	
	First Named Inventor	David J. Gesbert	
	Art Unit	2634	
	Examiner Name	Hany Vartanian	
Total Number of Pages in This Submission	23	Attorney Docket Number	P15402

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature			
Printed name	Michael A. Proksch		
Date	January 10, 2005	Reg. No.	43,021

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	Derek S. Watson	Date	January 10, 2005

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PTO/SB/17 (10-03)

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)****Complete if Known**

Application Number	09/621,119
Filing Date	July 21, 2000
First Named Inventor	David J. Gasbert
Examiner Name	Harry Vartanian
Art Unit	2645
Attorney Docket No.	P15402

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-0221

Intel Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$)</b>			

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)****SUBMITTED BY**

Name (Print/Type)

Michael A. Proksch

Registration No.

43,021

(Complete if applicable)

Telephone 508-264-3059

Signature

[Signature]

Date

January 10, 2005

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006, OMB 0651-0032

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number 09/621,119

Filing Date July 21, 2000

First Named Inventor David J. Gesbert

Examiner Name Harry Vartanian

Art Unit 2645

Attorney Docket No. P15402

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-0221

Deposit Account Name Intel Corporation

The Director is authorized to: (check all that apply)

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☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

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SUBTOTAL (2) (\$)			

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

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1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) Michael A. Proksch

Registration No. (Attorney/Agent) 43,021

(Complete if applicable)

Telephone 503-264-3059

Signature

[Signature]

Date

January 10, 2005

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ) December 20, 2004  
)  
David J. Gesbert et al. )  
)  
Serial No.: 09/621,119 ) Group Art Unit: 2634  
)  
Filed: July 21, 2000 ) Examiner: H. Vartanian  
)  
For: Spatial Separation and Multi-Polarization )  
Of Antennae in a Wireless Network )  
Mail Stop: *Amendment*  
Assistant Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

RECEIVED  
JAN 10 2005

## AMENDMENT

Dear Sir:

This response is provided to Notice of Non-Complaint Amendment dated December 8, 2004. In response thereto, Applicant offers a corrected version with each section presented on a separate page and the claims denoting the proper status identifier.

Should it be determined that any additional fee is required, or overage returned, in association with this response, please debit or credit my deposit account number 50-0221 as appropriate.

Respectfully submitted,



Date: January 10, 2005

Michael A. Proksch, Reg. No. 43,021  
Senior Patent Counsel  
Intel Corp., Assignee of Record

P15402

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Gesbert, et al.

Application No.: 09/621,119

Filing Date: July 21, 2000

For: Spatial Separation and Multi-  
Polarization of Antennae in a Wireless  
Network (as amended)Mail Stop: *Non-fee Amendment*

Assistant Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Examiner: Vartanian, Harry

Art Unit: 2645

AMENDMENT

Dear Sir:

This response is provided to the Office Action of June 29<sup>th</sup>, 2004. In light of the following amendments and subsequent remarks, favorable reconsideration of the pending application is respectfully requested.

09/621,119

1